

H-300-HSD

product specifications
Commercial grade drinking water
system for the home

The same commercial quality that makes Everpure® the overwhelming choice for water filtration in restaurants is also available for your home. Everpure's exclusive precoat filtration technology combines Micro-Pure® and a unique pleated filter membrane to reduce particles as small as 1/2 micron. This highly engineered design offers the largest filtering surface area, longer filter life and consistent performance.

It's water filtration you can trust

The Everpure H-300-HSD Drinking Water System reduces the following contaminants:

- > Lead
- > Asbestos fibers
- > Cysts such as Giardia lamblia, Entamoeba histolytica and Cryptosporidium parvum
- > Volatile Organic Chemicals (VOCs), including THMs

And the following substances:

- > Chlorine taste and odor
- > Dirt and cloudiness*
- > Mold and algae*
- > Oxidized iron*
- > Oxidized manganese*
- > Oxidized sulfides*
- > Particles 1/2 micron and larger in size

The H-300-HSD delivers bacteriostatic control.**



the pure solution

Our products polish water to premium quality so that water is sparkling and free of unwanted tastes and odors. You'll taste the difference in every sip and everything made with water will taste better, too.

the sensible solution

Our filters reduce lead amounts in your water—below the Federal Action Level of 10 ppb—as well as parasitic protozoan cysts and other microscopic particles that may be in your water supply.

the convenient solution

Everpure systems are easily installed using common household tools. Our systems mount under your sink and are plumbed to a separate filter faucet. And cartridge replacement is easy, too—just like changing a light bulb.

the practical solution

At only pennies per gallon, this system is less expensive per glass than bottled water or other drinking water systems and provides about a year's supply of water, depending on the size of your family and the amount of water you drink.

The H-300-HSD features a bacteriostat to combat this growing consumer concern.**

Exclusive Micro-Pure® filtering material coats the entire pleated surface inside the cartridge – removes particles 1/2 micron (1/50,000 of an inch) and larger for the entire rated life of the cartridge.

Everpure's signature metal canister delivers commercial grade durability and quality and protects the filter system from splitting or bursting. It's lined with a food-grade polymer that prevents the water from coming in contact with the metal.



Built-in water shut off.

Our systems leave vital minerals found naturally in water, so you get the best tasting water possible.

A special additive prevents limescale build-up in water-using appliances.**

Specially designed for challenging water conditions in high silt density areas.

*As tested by Everpure, LLC
**As tested by KDF® Fluid Treatment, Inc.

EVERPURE
MAKING THE WATER BETTER.

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H-300-HSD System – Part No. EV9270-73
H-300-HSD Cartridge – Part No. EV9270-74

Features

- > For high silt density water vs. standard H-300.
- > Finely polishes treated water to premium quality for drinking and cooking.
- > Reduces chlorine taste and odor.
- > Reduces dirt, rust, asbestos fibers and other particulates such as oxidized iron, manganese and sulfides.
- > Reduces parasitic protozoan cysts such as Giardia, Entamoeba, Cryptosporidium.
- > Controls even extreme levels of common "off" tastes and odors, including those which are earthy, moldy and fishy.
- > Reduces lead to below the Federal Action Level of 10 ppb.
- > Effectively reduces Volatile Organic Chemicals (VOCs).
- > KDF Media reduces limescale build-up in water-using appliances — as tested by KDF® Fluid Treatment, Inc.
- > KDF Media provides bacteriostatic control — as tested by KDF® Fluid Treatment, Inc.

Health Claim Performance Certified by NSF/ANSI*

This system has been tested according to NSF/ANSI 42 and 53 for the reduction of the substances listed below. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system, as specified in NSF/ANSI 42 and 53.

Substance	Influent Challenge Concentration	Max. Permissible Product Water Concentration	Reduction Requirements	Minimum Reduction	Average Reduction
Standard 42- Aesthetic Effects					
Chlorine	2.0 mg ± 10%	—	≥ 50%	—	96.8%
Particulate, Class I					
Particles 0.5 - 1 µm	at least 10,000 particles/mL	—	≥ 85%	—	99.9%
Standard 53- Health Effects					
Asbestos	10 ⁷ to 10 ⁸ fibers/L > 10 micrometers in length	—	99%	99.86%	99.86%
Cyst	Minimum 50,000/L	—	99.95%	99.99%	99.99%
Turbidity	11 ± 1 NTU	0.5 NTU	—	99%	99.3%
Lead 6.5	0.15 mg/L ± 10%	0.010 mg/L	—	99.4%	98.8%
Lead 8.5	0.15 mg/L ± 10%	0.010 mg/L	—	97.3%	98.7%
Chloroform	0.310 mg/L	0.015 mg/L	—	95.7%	98.6%

(VOC surrogate chemical)

*Tested using flow rate=0.5gpm; pressure=60 psig; pH=7.5 ±0.5; temp.=20°C ±2.5°C †NTU=Nephelometric Turbidity Units

General Installation/Operation/Maintenance Requirements

- > It is recommended that before purchasing a water treatment unit, you have your water tested to determine your actual treatment needs.
- > Space required: 5 x 5 x 22 in. (13 x 13 x 56 cm) including 2-1/2 inches of clear space under unit for cartridge change.
- > Install vertically with cartridge hanging down.
- > Replace cartridges when capacity is reached or when flow becomes too slow, but at least annually.
- > Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts.
- > A separate drinking water faucet is required.

This drinking water system must be maintained according to the manufacturer's instructions, including replacement of filter cartridges. The substances reduced or removed by this system are not necessarily in your water. Read the performance data sheet.

flow rate

Controlled at 0.5 gal./min. (1.9 L/min.)

temperature

35-100°F (2-38°C) Cold water use only

pressure

10-125 psi. (0.7-8.6 bar), non-shock

capacity

300 gal. (1,135 L)

everpure warranty

Everpure Drinking Water Systems are warranted to be free of defects for a full twelve (12) months after purchase. A detailed warranty statement is provided with each system.

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System Tested and Certified by NSF International against NSF/ANSI Standard 42 and 53 for the reduction of:

Standard No. 42 Aesthetic Effects

Chemical Reduction

> Taste and Odor

> Chlorine Taste and Odor

Mechanical Filtration

> Particulate Reduction:

Class I

Standard No. 53 Health Effects

Chemical Reduction

> VOC

> Lead

Mechanical Filtration

> Cyst

> Asbestos

